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**For Immediate Release**

## New, High Efficiency, AC Powered Brushless DC Motor Drive for Constant Velocity Applications

San Luis Obispo, CA – 12 Sept 2007 – Trust Automation has introduced the compact, low cost, programmable TA2230 constant velocity drive. The TA2230 drive is designed to run a brushless motor at a constant velocity using the motor's Hall sensors for the velocity feedback. Using an RS232 interface, the drive can be programmed at start-up to ramp up at a preset rate and maintain a constant velocity regardless of changes in load. This low cost, highly efficient drive is ideal for new and existing industrial applications such as factory automation, machine tools, conveyors, injection molding machines, air compressors, pumps, and in existing applications where improved performance and lower operating costs are desirable.

This compact brushless motor drive with the optional cooling fans measures just 9.3 in. X 3.5 in. X 5.7 in. Motor output from the drive with an AC supply of 100-220 VAC @ 50/60 Hz, 25 Amp peak current is the equivalent of a 15,000 Watt (45 Amp peak) PWM drive. The DC voltage is 0-330 VDC at 45 Amp peak, 20 Amp RMS continuous. Features of the TA2230 drive include three speed setting options: 1 - (Ext) external speed command via off-board 10K potentiometer, 2 - (Int) on-board potentiometer for convenient fixed speed adjustment, and 3 - (Soft) fixed speed set via software; as well as soft start control, integral AC line filtering, and self-contained, enclosed, and optically isolated user interface for safety. Some of the software configurable parameters include: Enable input level, Fault output level, Coast input level, Target velocity, Hall active level, and Current limit.

### About Trust Automation

Since 1990, Trust Automation provides motion control products and engineering services for the needs of many industries. Examples of these products and services are: Stand-alone motion and machine controllers, Linear Servo Amplifiers, SynqNet I/O and SynqNet Drives, Brushed and Brushless Rotary Motors, Interconnect Products and Automation Engineering consulting covering Mechanical, Electrical, Software and System aspects of machine design. Our products reflect quality, robust performance, and

ease-of-use; a refinement attained over many years of helping Original Equipment Manufacturers meet and exceed their goals.

Trust Automation's electrical, mechanical, and software engineering teams provide comprehensive engineering services and consulting to a broad range of industries including semiconductor manufacturing, medical, entertainment, automotive, and aerospace. Our in-the-field experience with leading companies in these industries gives us the opportunity to solve today's cutting edge, real world challenges, challenges that must be solved by new ideas; new ideas that Trust Automation transforms into the Smart Solutions of tomorrow.

Trust Automation is headquartered in beautiful San Luis Obispo, on California's Central Coast.